



File: Livestock - Clinton Co. JD's [Signature] BDR [Signature]
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
Livestock Facility Inspection Checklist

GENERAL INFORMATION

TYPE OF INSPECTION:

☒ CAFO ☐ COMPLAINT ☐ RECONNAISSANCE ☐ ERU FOLLOW UP ☐ OPERATOR REQUEST ☐ OTHER

FACILITY NAME (LLC, Inc., Corp, Partnership, sole proprietorship, etc.)

Book Pork Farm

INSPECTION DATE
04/06/11

ARRIVAL TIME
9:45AM

ADDRESS

10485 Timberview Road

INSPECTOR(S)
Brian Rodely

DEPARTURE TIME
12:15PM

CITY

Breese

STATE
IL

ZIP CODE
62230

ACCOMPANIED BY (if applicable)
Joe Stitely

LEGAL DESCRIPTION

COUNTY
Clinton

SECTION
34

TOWNSHIP
2N

RANGE
4W

TEMPERATURE
58

PRECIPITATION TYPE
0.75 Overnight

Facility Owner(s):

Exemption 6 and Exemption 7(C)

NAME
Brian Book

CONTACTED
☒ YES ☐ NO

PHONE

MOBILE
Exemption 6 and Exemption 7(C)

ADDRESS

CITY

STATE

ZIP CODE

Exemption 6 and Exemption 7(C)

NAME

CONTACTED
☐ YES ☐ NO

PHONE

MOBILE

ADDRESS

CITY

STATE

ZIP CODE

Facility Operator(s):

Exemption 6 and Exemption 7(C)

NAME

CONTACTED
☐ YES ☐ NO

PHONE

MOBILE

ADDRESS

CITY

STATE

ZIP CODE

NAME

CONTACTED
☐ YES ☐ NO

PHONE

MOBILE

ADDRESS

CITY

STATE

ZIP CODE

NPDES PERMIT INFORMATION (If no NPDES Permit, skip this section)

1. What type of NPDES permit has been issued?

☐ Individual NPDES Permit

☐ General NPDES Permit

NPDES #

2. What date was the NPDES permit issued?

3. What date does the NPDES permit expire?

4. Is a copy of the NPDES permit onsite?

☐ YES ☐ NO

5. Permitted number of animal units?

6. Does the NPDES Permit contain a compliance schedule?

☐ YES ☐ NO

7. Have there been any changes made to the production area since the permit was issued?

☐ YES ☐ NO

If "YES", provide a detailed description of those changes.

None

LAND APPLICATION/NUTRIENT MANAGEMENT

1. How many TOTAL acres are available for land application?	500	acres	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
2. How many acres are READILY available for land application at the time of inspection?	480	acres		
3. Estimated annual quantities of liquid waste	1.6 million	gallons		
4. Estimated annual quantities of solid waste	24	tons		
5. Does the facility have a contractor perform land application? If "YES", Name of Contractor: _____			<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
6. What type of land application equipment is available to the facility? <input type="checkbox"/> Umbilical Injection <input checked="" type="checkbox"/> Honeywagon Injection <input type="checkbox"/> Honeywagon Surface <input type="checkbox"/> Irrigation <input type="checkbox"/> Rotational Gun <input type="checkbox"/> Manure Spreader <input type="checkbox"/> Vegetative Filter <input type="checkbox"/> Other _____				
7. Does the facility calibrate the land application equipment? If "YES", What method is used? Manufacturer			<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
8. Does the facility land apply within the 150 foot setback from any water well? If "YES", Explain			<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
9. Does the facility land apply within the 200 foot setback from any surface water? If "YES", Explain			<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
10. Does the facility land apply near any residences? If "YES", Explain Neighbors			<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
11. Is livestock waste transferred off-site to another party? If "YES", Are records of manure transfers kept? If "YES", Ask to see records			<input type="checkbox"/> YES <input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO <input type="checkbox"/> NO
12. Does the facility have a current NMP or CNMP? If "YES", Does the facility maintain a copy of the nutrient management plan (NMP) onsite?			<input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO <input type="checkbox"/> NO
13. Does the NMP reflect the current operational characteristics (number of animals, cropping, etc.)?			<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
14. Are the number of acres owned/leased consistent with those in the NMP?			<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
15. Is manure and wastewater being applied in accordance with setback/buffer requirements of the NMP?			<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
16. Are all of the records identified in the NMP being maintained and kept current?			<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
17. Are records being maintained at the required frequency?			<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
18. Are records being maintained onsite for the period required by NMP and/or NPDES permit?			<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
19. Is the NMP adequately addressing the storage, handling and application of manure and wastewater to prevent discharges to waters of the U.S.?			<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

LIVESTOCK FACILITY DESCRIPTION

Facility Type		
<input checked="" type="checkbox"/> Total Confinement Buildings	<input type="checkbox"/> Open Earthen Feedlot	
<input type="checkbox"/> Open Confinement Buildings	<input type="checkbox"/> Vegetated Pasture	
<input type="checkbox"/> Open Concrete Feedlot	<input type="checkbox"/> Other _____	
Type of Animals	Number of Animals (currently)	Capacity
SWINE > 55 LBS	4800	4800
		Total

Does the facility have an Illinois Certified Livestock Manager (300 or greater animal units)? ☐ N/A ☒ YES ☐ NO

If greater than 1000 animal units but less than 5000 animal units, does the facility have a waste management plan? ☐ N/A ☒ YES ☐ NO

If greater than 5000 animal units, has the facility submitted a waste management plan to IDOA for review? ☒ N/A ☐ YES ☐ NO

Does the facility have any other locations under common ownership, or where equipment and/or manure is shared, or where the other site shares land application sites? If so, put names and addresses below. ☐ YES ☒ NO

None

LIVESTOCK WASTE STORAGE

1. Does the facility have any existing livestock waste containment system? ☒ YES ☐ NO
If NO, then proceed to question 10.

2. General description of the waste containment system (include solid and liquid manure handling, mortality, and feed storage areas).

Under floor Deep Pit, Dumpster for Dead

Type of Storage	Total Storage Capacity (Specify Units)
<input checked="" type="checkbox"/> Anaerobic Lagoon	
<input type="checkbox"/> Covered Lagoon	
<input type="checkbox"/> Holding Pond	
<input type="checkbox"/> Above Ground Storage Tank ("Slurrystore")	
<input type="checkbox"/> Below Ground Storage Tank	
<input type="checkbox"/> Settling Basin	
<input type="checkbox"/> Roofed Storage Shed	
<input type="checkbox"/> Concrete Pad	
<input type="checkbox"/> Impervious Soil Pad	
<input checked="" type="checkbox"/> Underfloor Pits	Two buildings 80X240X8 2.3 million gallon total
<input type="checkbox"/> Anaerobic Digester	
<input type="checkbox"/> Manure Stacks	
<input type="checkbox"/> Vegetative Filter	
<input type="checkbox"/> Other _____	
<input type="checkbox"/> None	

- Do the storage structures have depth markers or staff gauges? ☐ YES ☒ NO
- Are levels of manure in the storage structures recorded and records kept? ☐ YES ☒ NO
- Do the storage structures have adequate freeboard? ☒ YES ☐ NO
- Estimated final stage storage structure freeboard 40 in.
- Do facility personnel perform routine visual inspections of the storage structures? ☒ YES ☐ NO
- Are the routine visual inspections documented? ☐ YES ☒ NO
- Does the system have an outfall or discharge point? ☐ YES ☒ NO
 If "YES", please provide a description (overflow pipe, spill way, etc. Include a description the area receiving the discharge).
None
- Are there any portions of the production area where runoff is not controlled? ☐ YES ☒ NO
 If "YES", provide a detailed description of the area(s) of concern:
None

MORTALITIES MANAGEMENT

- How are mortalities managed? (Composted, buried, burned, rendering service, other)
Rendered Three Days per Week.
- Are mortalities documented and are records kept? ☒ YES ☐ NO

FACILITY WATER SOURCES

1. What type of method is used to provide drinking water for the animals?
☐ Overflow waters ☐ Tip Tanks ☒ Nipple waters ☐ Water Bowls ☐ Other _____
2. How is the water for animals obtained?
☐ Community PWS ☒ On-Site Well ☐ On-Site Impoundment ☐ Other _____
3. Is a mist cooling system used? ☒ YES ☐ NO
How is mist water contained?
Underfloor Pit

DAIRY OPERATION (If No Dairy, skip this section)

1. How many times per day are cows milked? _____
2. Describe how the dairy's non-contact cooling water is contained (Example: it is reused for drinking water for the animals).
None
3. Describe how the milking parlor is cleaned (hose or flush) and where the process wastewater goes and how it is contained.
None
4. Describe how the tank(s) are washed and where the process wastewater goes and how it is contained.
None
5. Describe where process wastewater from the plate cooler goes and how it is contained.
None

BEDDING (If No Bedding, skip this section)

1. Describe what type of bedding is used for the animals.
None
2. Describe how bedding is collected and how often.
None
3. What is done with the used bedding? ☐ Reused ☐ Land Applied

MANURE COLLECTION

1. How is manure collected?
- ☒ Under Floor Pit ☐ Scraped: ☐ Automatic ☐ Manual
- ☐ Flush
- ☐ Solids Separator
- ☐ Other: _____
- ☐ None

2. If manure collection system uses either clean or reused water to flush, describe where this water goes and how it is contained.
- None**

FEED STORAGE CONTAINMENT

1. Describe how feed (silage, hay, etc) is contained.
- ☒ Bulk Bins
- ☐ Silage Pit
- ☐ Ag Bags
- ☐ Hay: ☐ Barn ☐ Outdoor
- ☐ Other: _____

2. Describe how feed (silage, hay, etc) runoff is contained.
- ☒ Not Applicable – Feed totally enclosed
- ☐ Other: _____
- ☐ None

RECEIVING SURFACE WATERS

1. Provide a description of the flow path from the facility to the nearest named surface water.
- Overland flow and unnamed ditches 4 miles south to Shoal Creek.**

2. What is the name of the receiving stream?
- Shoal Creek**

3. Status of the named surface water: ☒ Intermittent ☐ Perennial

4. Are any unnatural bottom deposits observed in the receiving stream: ☐ YES ☒ NO
- If "YES", provide a description of the deposits: **None**


DISCHARGES

1. Have there been any documented discharges of livestock waste to surface water <i>in the past year?</i> If "NO" proceed to question 2.	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
a. If "YES", specify the date(s).		
b. What was the reason for the discharge?		
c. Was the discharge the result of a 25 year-24 hour rainfall event?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
d. What was the precipitation amount? <i>(if applicable)</i>		
e. Was IEMA notified of the discharge?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
f. Has the facility taken corrective action to remedy the situation which caused the discharge(s)?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
If "YES", describe actions taken: None		
2. Is the facility currently discharging livestock waste from the production area? If "NO" proceed to next section.	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
b. Was the discharge the result of a 25 year-24 hour rainfall event?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
c. What was the precipitation amount? <i>(if applicable)</i>		
d. What is the reason for the discharge?		

OTHER COMMENTS/NOTES

Recently dug a new well and in process of utilizing new well for water supply. PWS will be used for backup purposes only. Updating the interior gating of the facility with new gating.

Will an inspection report be attached? ☐ YES ☒ NO

INSPECTOR'S SIGNATURE	REPORT DATE
	04-26-11

Cc: BOW/DWPC/RU

Attachments: Site Plan

Book Hog Farm Site Plan - 110406



Arrows show the direction of non-contact stormwater drainage. Feed is enclosed in 4 feed feed bins situated on concrete pads that appeared clean a free of spilled feed. The rendering dumpster is located in the middle of the gravel drive on the north end of the buildings and is watertight. A berm is located on the east side of the facility to ensure drainage continues south then west on facility property. Additional function of the berm is to eliminate the potential for water from an large intermittent waterway located southeast of the facility from entering the site. No discharge was observed at the time of inspection and all records were current. Inspection occurred on 04-06-11.